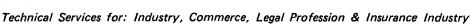
NORTHWEST LABORATORIES

of Seattle, Incorporated ESTABLISHED 1896



1530 FIRST AVENUE SOUTH

SEATTLE, WASHINGTON 98134

Telephone: (206) 622-0680

Report To:

Alaskan Copper Works

Attention:

Jim Brown

Report On: Waste Water

Date:

December 28, 1988

Lab No.: E 45968

SUBMITTED:

Five (5) Waste Water Samples for Chemical Analysis

IDENTIFICATION:

Sample #1 - 12-22A - 3200 M8225

Sample #2 - 12-22R - 3200 M8225 Sample #3 - 12-22C - 3200 M8225 Sample #4 - 12-22D - 3200 M8225 Sample #5 - 12-22E - 3200 M8225

ANALYSIS:

Element	Sample #1	Sample #2	Sample #3	Sample #4	Sample #5
Copper, Cu, ppm	12.8	28.2	17.4	3.4	49
Zinc, Zn, ppm	0.9	2.9	2.0	0.5	5.1
Chromium, Cr, ppm	144.8	347.3	217.9	60.0	718.5
Nickel, Ni, ppm	52.3	130.3	72.9	19.9	202.2

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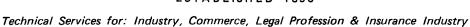
Sam LeBarron

Director, Analytical Laboratory

wbm

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wbm